

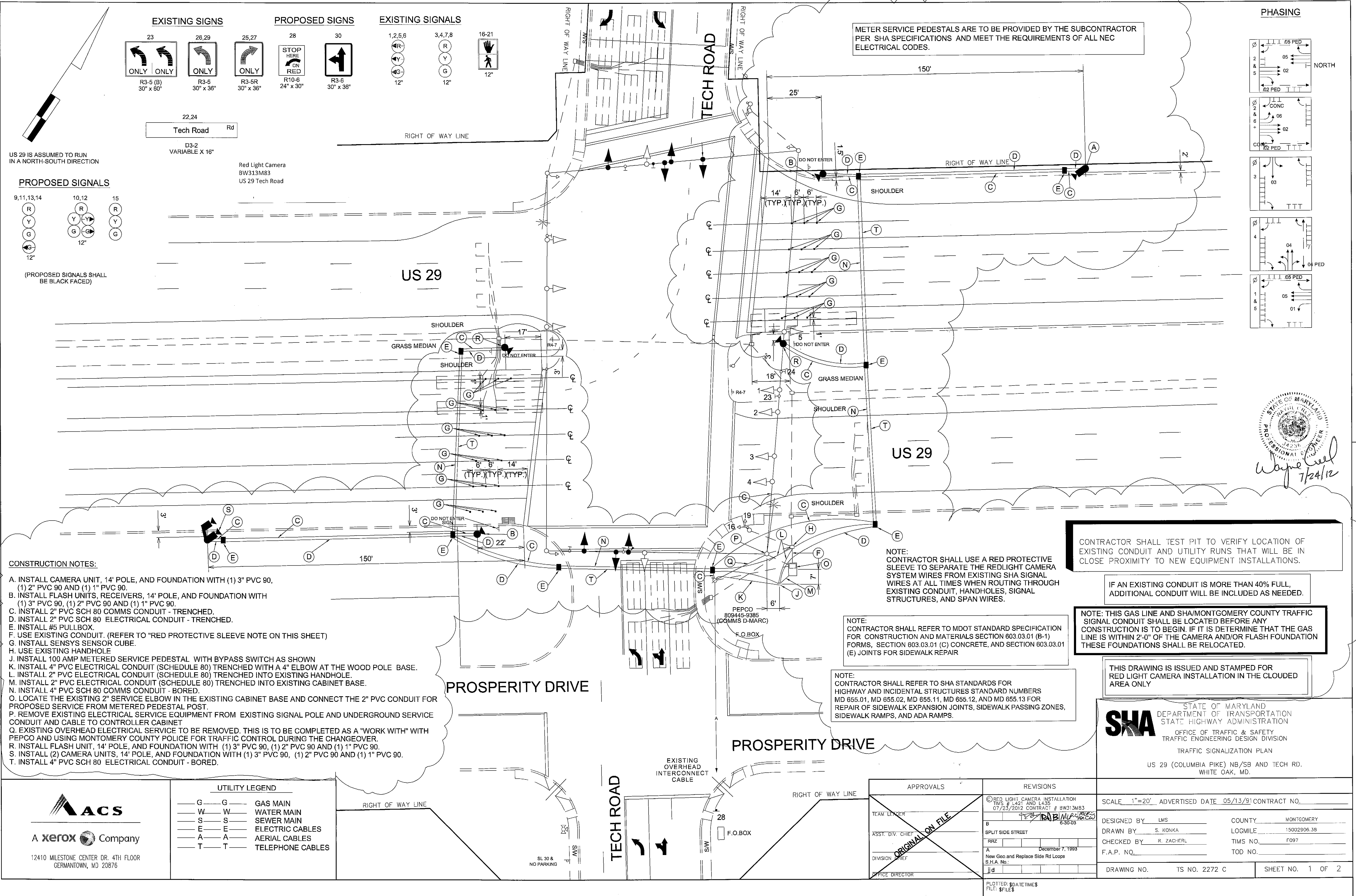
BY: \$USERNAME\$ 7/23/2012 10:23:04 AM

DRILL HOLES

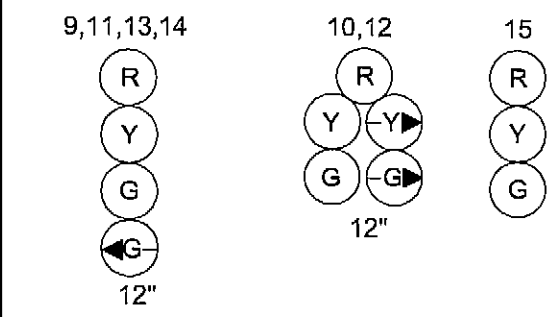
DRILL HOLES

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BY: \$USERNAME\$ 7/23/2012 10:23:04 AM



PROPOSED SIGNALS



(PROPOSED SIGNALS SHALL BE BLACK FACED)

CONSTRUCTION NOTES:

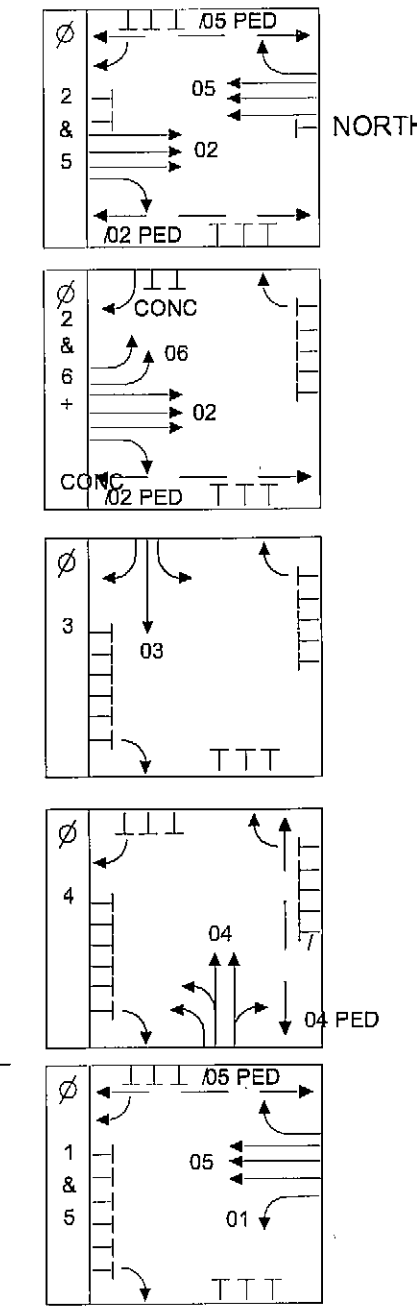
- A. INSTALL CAMERA UNIT, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
- B. INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
- C. INSTALL 2" PVC SCH 80 COMMS CONDUIT - TRENCHED.
- D. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT - TRENCHED.
- E. INSTALL #5 PULLBOX.
- F. USE EXISTING CONDUIT. (REFER TO "RED PROTECTIVE SLEEVE NOTE ON THIS SHEET")
- G. INSTALL SENSYS SENSOR CUBE.
- H. USE EXISTING HANDHOLE
- J. INSTALL 100 AMP METERED SERVICE PEDESTAL WITH BYPASS SWITCH AS SHOWN
- K. INSTALL 4" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED WITH A 4" ELBOW AT THE WOOD POLE BASE.
- L. INSTALL 2" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED INTO EXISTING HANDHOLE.
- M. INSTALL 2" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED INTO EXISTING CABINET BASE.
- N. INSTALL 4" PVC SCH 80 COMMS CONDUIT - BORED.
- O. LOCATE THE EXISTING 2" SERVICE ELBOW IN THE EXISTING CABINET BASE AND CONNECT THE 2" PVC CONDUIT FOR PROPOSED SERVICE FROM METERED PEDESTAL POST.
- P. REMOVE EXISTING ELECTRICAL SERVICE EQUIPMENT FROM EXISTING SIGNAL POLE AND UNDERGROUND SERVICE CONDUIT AND CABLE TO CONTROLLER CABINET
- Q. EXISTING OVERHEAD ELECTRICAL SERVICE TO BE REMOVED. THIS IS TO BE COMPLETED AS A "WORK WITH" WITH PEPCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING THE CHANGEOVER.
- R. INSTALL FLASH UNIT, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
- S. INSTALL (2) CAMERA UNITS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
- T. INSTALL 4" PVC SCH 80 ELECTRICAL CONDUIT - BORED.

UTILITY LEGEND

- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES

ACS
A XEROX Company
12410 MILESTONE CENTER DR. 4TH FLOOR
GERMANTOWN, MD 20876

PHASING



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
PROFESSIONAL ENGINEER
Wayne Reed
7/24/12

CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.

NOTE: THIS GAS LINE AND SHA/MONTGOMERY COUNTY TRAFFIC SIGNAL CONDUIT SHALL BE LOCATED BEFORE ANY CONSTRUCTION IS TO BEGIN. IF IT IS DETERMINE THAT THE GAS LINE IS WITHIN 2'-0" OF THE CAMERA AND/OR FLASH FOUNDATION THESE FOUNDATIONS SHALL BE RELOCATED.

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

METER SERVICE PEDESTALS ARE TO BE PROVIDED BY THE SUBCONTRACTOR PER SHA SPECIFICATIONS AND MEET THE REQUIREMENTS OF ALL NEC ELECTRICAL CODES.

NOTE: CONTRACTOR SHALL USE A RED PROTECTIVE SLEEVE TO SEPARATE THE REDLIGHT CAMERA SYSTEM WIRES FROM EXISTING SHA SIGNAL WIRES AT ALL TIMES WHEN ROUTING THROUGH EXISTING CONDUIT, HANDHOLES, SIGNAL STRUCTURES, AND SPAN WIRES.

NOTE: CONTRACTOR SHALL REFER TO MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS SECTION 603.03.01 (B-1) FORMS, SECTION 603.03.01 (C) CONCRETE, AND SECTION 603.03.01 (E) JOINTS FOR SIDEWALK REPAIR

NOTE: CONTRACTOR SHALL REFER TO SHA STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES STANDARD NUMBERS MD 855.01, MD 855.02, MD 855.11, MD 855.12, AND MD 855.13 FOR REPAIR OF SIDEWALK EXPANSION JOINTS, SIDEWALK PASSING ZONES, SIDEWALK RAMPS, AND ADA RAMPS.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
US 29 (COLUMBIA PIKE) NB/SB AND TECH RD.
WHITE OAK, MD.

APPROVALS		REVISIONS		SCALE 1"=20' ADVERTISED DATE 05/13/91 CONTRACT NO.
TEAM LEADER		© RED LIGHT CAMERA INSTALLATION TIMS L421 AND L435 07/23/2012 CONTRACT # BW313M83 6-30-03		
ASST. DIV. CHIEF		B SPLIT SIDE STREET RRZ December 7, 1993		DESIGNED BY LMS COUNTY MONTGOMERY
DIVISION CHIEF		A New Geo and Replace Side Rd Loops S.H.A. No.		DRAWN BY S. KONKA LOGMILE 15002906.35
OFFICE DIRECTOR		JJD		CHECKED BY R. ZACHERL TMS NO. 0997
PLOTTED: \$DATE\$ TIME: \$TIME\$ FILE: \$FILE\$				F.A.P. NO. TOO NO.
				DRAWING NO. TS NO. 2272 C SHEET NO. 1 OF 2